

**IN THE UNITED STATES DISTRICT COURT  
FOR THE NORTHERN DISTRICT OF TEXAS  
DALLAS DIVISION**

**SEVEN NETWORKS, LLC**

**Plaintiff,**

**v.**

**MOTOROLA MOBILITY LLC**

**Defendant.**

**Civil Action No. 3:21-cv-1036**

**JURY TRIAL DEMANDED**

**JOINT STIPULATION REGARDING CERTAIN DOCUMENTS**

Plaintiff SEVEN Networks, LLC (“SEVEN”) and Defendant Motorola Mobility LLC (“Motorola”) file this Joint Stipulation Regarding Certain Documents. For the purposes of this litigation alone, the parties stipulate that the documents listed below are authentic business records and are therefore subject to FRE 803(6) and excepted from the rule against hearsay. The parties retain the ability to raise objections other than hearsay or authenticity to the listed documents.

| Bates No.     | Description   |
|---------------|---|
| MTRL-00030625 | <a href="https://web.archive.org/web/20120805081207/http://developer.android.com/guide/topics/data/index.html">https://web.archive.org/web/20120805081207/http://developer.android.com/guide/topics/data/index.html</a>                     |
| MTRL-00030649 | <a href="https://web.archive.org/web/20120802010931/http://developer.android.com/guide/google/gcm/index.html">https://web.archive.org/web/20120802010931/http://developer.android.com/guide/google/gcm/index.html</a>                       |
| MTRL-00030706 | <a href="https://web.archive.org/web/20120713031457/https://developer.android.com/reference/android/content/Intent.html">https://web.archive.org/web/20120713031457/https://developer.android.com/reference/android/content/Intent.html</a> |
| MTRL-00030825 | <a href="https://web.archive.org/web/20120728234107/http://developer.android.com/guide/topics/ui/settings.html">https://web.archive.org/web/20120728234107/http://developer.android.com/guide/topics/ui/settings.html</a>                   |
| MTRL-00030838 | <a href="https://web.archive.org/web/20120802010646/http://developer.android.com/guide/topics/data/data-storage.html">https://web.archive.org/web/20120802010646/http://developer.android.com/guide/topics/data/data-storage.html</a>       |
| MTRL-00031679 | <a href="https://web.archive.org/web/20100326153024/http://www.google.com/phone/static/en_US-nexusone_tech_specs.html">https://web.archive.org/web/20100326153024/http://www.google.com/phone/static/en_US-nexusone_tech_specs.html</a>     |

| Bates No.                       | Description   |
|---------------------------------|---|
| MTRL-00031687                   | Android 2.2 Froyo Official Video,<br><a href="https://www.youtube.com/watch?v=yAZYSVr2Bhc&amp;t=55s">https://www.youtube.com/watch?v=yAZYSVr2Bhc&amp;t=55s</a>  |
| MTRL-00032821                   | <a href="https://developer.android.com/about/versions/android-2.2-highlights.html/">https://developer.android.com/about/versions/<br/>android-2.2-highlights.html/</a>  |
| MTRL-00032871                   | <a href="https://web.archive.org/web/20100722153034/http://developer.android.com/guide/topics/ui/notifiers/toasts.html">https://web.archive.org/web/20100722153034/<br/>http://developer.android.com/guide/topics/ui/notifiers/toasts.html</a>  |
| MTRL-00000263                   | CDD (Android 12)  |
| MTRL-00027679                   | <a href="https://web.archive.org/web/20121004073640/https://developers.google.com/android/c2dm/">https://web.archive.org/web/20121004073640/<br/>https://developers.google.com/android/c2dm/</a> ("Android C2DM Framework")   |
| MTRL-00030626                   | <a href="https://web.archive.org/web/20120805090350/http://developer.android.com/guide/google/gcm/adv.html">https://web.archive.org/web/20120805090350/<br/>http://developer.android.com/guide/google/gcm/adv.html</a>  |
| MTRL-00030633                   | <a href="https://web.archive.org/web/20120805082327/http://developer.android.com/guide/google/gcm/gcm.html">https://web.archive.org/web/20120805082327/<br/>http://developer.android.com/guide/google/gcm/gcm.html</a>  |
| MTRL-00030686                   | <a href="https://developer.android.com/about/versions/android-4.0-highlights#UserFeatures">https://developer.android.com/about/versions/<br/>android-4.0-highlights#UserFeatures</a>  |
| MTRL-00030787                   | <a href="https://web.archive.org/web/20120805081217/http://developer.android.com/guide/components/intents-filters.html">https://web.archive.org/web/20120805081217/<br/>http://developer.android.com/guide/components/intents-filters.html</a>  |
| MTRL-00030807                   | <a href="https://web.archive.org/web/20120805084310/http://developer.android.com/guide/topics/ui/notifiers/index.html">https://web.archive.org/web/20120805084310/<br/>http://developer.android.com/guide/topics/ui/notifiers/index.html</a>  |
| MTRL-00030809                   | <a href="https://web.archive.org/web/20120805080226/http://developer.android.com/guide/components/services.html">https://web.archive.org/web/20120805080226/<br/>http://developer.android.com/guide/components/services.html</a>  |
| MTRL-00031203                   | Nexus 7 Guidebook, GOOGLE (2012),<br><a href="https://dlcdn.net.asus.com/pub/ASUS/EeePAD/Nexus7/Nexus7Guidebook071212ENG.pdf">https://dlcdn.net.asus.com/pub/ASUS/EeePAD/<br/>Nexus7/Nexus7Guidebook071212ENG.pdf</a> ("Nexus 7 Guidebook")   |
| MTRL-00031524                   | <a href="https://developer.android.com/about/versions/android-2.2#api">https://developer.android.com/about/versions/android-2.2#api</a>   |
| MTRL-00031555                   | <a href="https://web.archive.org/web/20100723063104/http://developer.android.com/reference/android/os/BatteryManager.html">https://web.archive.org/web/20100723063104/<br/>http://developer.android.com/reference/android/<br/>os/BatteryManager.html</a>                                   |
| MTRL-00031568                   | <a href="https://web.archive.org/web/20100723104620/https://developer.android.com/reference/android/content/Intent.html">https://web.archive.org/web/20100723104620/<br/>https://developer.android.com/reference/android/content/Intent.html</a>  |
| MTRL-00031643                   | <a href="https://web.archive.org/web/20100722095220/http://developer.android.com/guide/topics/intents/intents-filters.html">https://web.archive.org/web/20100722095220/<br/>http://developer.android.com/guide/topics/intents/intents-filters.html</a>                                      |
| MTRL-00031654                   | <a href="https://web.archive.org/web/20100722162024/http://developer.android.com/reference/android/view/KeyEvent.html">https://web.archive.org/web/20100722162024/<br/>http://developer.android.com/reference/android/view/KeyEvent.html</a>  |
| MTRL-00031683,<br>MTRL-00033042 | <a href="https://googleblog.blogspot.com/2010/01/google-io-2010-now-open-for.html">https://googleblog.blogspot.com/2010/01/<br/>google-io-2010-now-open-for.html</a>  |
| MTRL-00031686                   | <a href="https://web.archive.org/web/20100722093857/http://developer.android.com/guide/index.html">https://web.archive.org/web/20100722093857/<br/>http://developer.android.com/guide/index.html</a>  |
| MTRL-00032695                   | <a href="https://web.archive.org/web/20090303220334/http://developer.android.com/reference/android/app/Activity.html#SavingPersistentState">https://web.archive.org/web/20090303220334/<br/>http://developer.android.com/reference/android/<br/>app/Activity.html#SavingPersistentState</a> |
| MTRL-00032737                   | <a href="https://web.archive.org/web/20090303220334/http://developer.android.com/reference/android/app/Activity.html#ProcessLifecycle">https://web.archive.org/web/20090303220334/<br/>http://developer.android.com/reference/android/<br/>app/Activity.html#ProcessLifecycle</a>           |

| Bates No.     | Description   |
|---------------|---|
| MTRL-00032779 | <a href="https://web.archive.org/web/20090303220334/http://developer.android.com/reference/android/app/Activity.html#ActivityLifecycle">https://web.archive.org/web/20090303220334/http://developer.android.com/reference/android/app/Activity.html#ActivityLifecycle</a> |
| MTRL-00033040 | <a href="https://web.archive.org/web/20100722153029/http://developer.android.com/guide/topics/ui/notifiers/index.html">https://web.archive.org/web/20100722153029/http://developer.android.com/guide/topics/ui/notifiers/index.html</a>                                   |
| MTRL-00339283 | <a href="https://developer.android.com/about/versions/nougat/android-7.0-changes?hl=en">https://developer.android.com/about/versions/nougat/android-7.0-changes?hl=en</a>   |
| MTRL-00339290 | <a href="https://developer.android.com/about/versions/12/12L/summary">https://developer.android.com/about/versions/12/12L/summary</a>   |
| MTRL-00339295 | <a href="https://developer.android.com/about/versions/10/features">https://developer.android.com/about/versions/10/features</a>   |
| MTRL-00339304 | <a href="https://developer.android.com/about/versions/13/summary">https://developer.android.com/about/versions/13/summary</a>   |
| MTRL-00339687 | <a href="https://www.android.com/versions/kit-kat-4-4/">https://www.android.com/versions/kit-kat-4-4/</a>   |
| MTRL-00339694 | <a href="https://developer.android.com/about/versions/marshmallow">https://developer.android.com/about/versions/marshmallow</a>   |
| MTRL-00339697 | <a href="https://developer.android.com/about/versions/nougat/android-7.0-changes">https://developer.android.com/about/versions/nougat/android-7.0-changes</a>   |
| MTRL-00339704 | <a href="https://developer.android.com/about/versions/nougat">https://developer.android.com/about/versions/nougat</a>   |
| MTRL-00339708 | <a href="https://developer.android.com/about/versions/nougat/android-7.1">https://developer.android.com/about/versions/nougat/android-7.1</a>   |
| MTRL-00339711 | <a href="https://developer.android.com/about/versions/oreo/android-8.1">https://developer.android.com/about/versions/oreo/android-8.1</a>   |
| MTRL-00339715 | <a href="https://developer.android.com/about/versions/pie/android-9.0">https://developer.android.com/about/versions/pie/android-9.0</a>   |
| MTRL-00339723 | <a href="https://developer.android.com/topic/performance/appstandby#buckets">https://developer.android.com/topic/performance/appstandby#buckets</a>   |
| MTRL-00339726 | <a href="https://developer.android.com/about/versions/pie/android-9.0-changes-all">https://developer.android.com/about/versions/pie/android-9.0-changes-all</a>   |
| MTRL-00339732 | <a href="https://developer.android.com/about/versions/kitkat/android-4.4">https://developer.android.com/about/versions/kitkat/android-4.4</a>   |
| MTRL-00339740 | <a href="https://developer.android.com/about/versions/oreo/android-8.0-changes">https://developer.android.com/about/versions/oreo/android-8.0-changes</a>   |
| MTRL-00339748 | <a href="https://developer.android.com/about/versions/oreo/android-8.0">https://developer.android.com/about/versions/oreo/android-8.0</a>   |
| MTRL-00339758 | <a href="https://developer.android.com/about/versions/kitkat">https://developer.android.com/about/versions/kitkat</a>   |
| MTRL-00339766 | <a href="https://developer.android.com/about/versions/pie/android-9.0-changes-all">https://developer.android.com/about/versions/pie/android-9.0-changes-all</a>   |
| MTRL-00339772 | <a href="https://developer.android.com/about/versions/11/behavior-changes-all">https://developer.android.com/about/versions/11/behavior-changes-all</a>   |
| MTRL-00339775 | <a href="https://developer.android.com/about/versions/12/behavior-changes-all">https://developer.android.com/about/versions/12/behavior-changes-all</a>   |
| MTRL-00339782 | <a href="https://developer.android.com/about/versions/13/behavior-changes-all">https://developer.android.com/about/versions/13/behavior-changes-all</a>   |
| MTRL-00339785 | <a href="https://developer.android.com/about/versions/11/behavior-changes-11">https://developer.android.com/about/versions/11/behavior-changes-11</a>   |
| MTRL-00339789 | <a href="https://developer.android.com/about/versions/12/behavior-changes-12">https://developer.android.com/about/versions/12/behavior-changes-12</a>   |

| Bates No.     | Description   |
|---------------|---|
| MTRL-00339797 | <a href="https://developer.android.com/about/versions/10/behavior-changes-10">https://developer.android.com/about/versions/10/behavior-changes-10</a>   |
| MTRL-00339800 | <a href="https://developer.android.com/guide/topics/manifest/uses-sdk-element#ApiLevels">https://developer.android.com/guide/topics/manifest/uses-sdk-element#ApiLevels</a>                           |
| MTRL-00339805 | <a href="https://firebase.google.com/docs/cloud-messaging/fcm-architecture">https://firebase.google.com/docs/cloud-messaging/fcm-architecture</a>   |
| MTRL-00339806 | <a href="https://developer.android.com/about/versions/13/features">https://developer.android.com/about/versions/13/features</a>   |
| MTRL-00339814 | <a href="https://developer.android.com/about/versions/11/features">https://developer.android.com/about/versions/11/features</a>   |
| MTRL-00339823 | <a href="https://developer.android.com/about/versions/12/features">https://developer.android.com/about/versions/12/features</a>   |
| MTRL-00339832 | <a href="https://firebase.google.com/docs/cloud-messaging/concept-options">https://firebase.google.com/docs/cloud-messaging/concept-options</a>   |
| MTRL-00339839 | <a href="https://firebase.google.com/docs/cloud-messaging">https://firebase.google.com/docs/cloud-messaging</a>   |
| MTRL-00339840 | <a href="https://developer.android.com/reference/android/app/job/JobInfo">https://developer.android.com/reference/android/app/job/JobInfo</a>   |
| MTRL-00339856 | <a href="https://developer.android.com/reference/android/app/job/JobService">https://developer.android.com/reference/android/app/job/JobService</a>   |
| MTRL-00339863 | <a href="https://developer.android.com/training/scheduling/wakelock">https://developer.android.com/training/scheduling/wakelock</a>   |
| MTRL-00339865 | <a href="https://developer.android.com/training/monitoring-device-state/doze-standby#understand_doze">https://developer.android.com/training/monitoring-device-state/doze-standby#understand_doze</a> |
| MTRL-00339869 | <a href="https://developer.android.com/training/monitoring-device-state/doze-standby">https://developer.android.com/training/monitoring-device-state/doze-standby</a>                                 |
| MTRL-00339873 | <a href="https://source.android.com/docs/core/power/mgmt">https://source.android.com/docs/core/power/mgmt</a>   |
| MTRL-00339874 | <a href="https://developer.android.com/about/versions/pie/power">https://developer.android.com/about/versions/pie/power</a>   |
| MTRL-00339877 | <a href="https://developer.android.com/reference/android/os/PowerManager.WakeLock">https://developer.android.com/reference/android/os/PowerManager.WakeLock</a>                                       |
| MTRL-00339882 | <a href="https://source.android.com/docs/core/power/routine-battery-saver">https://source.android.com/docs/core/power/routine-battery-saver</a>   |
| MTRL-00339884 | <a href="https://developer.android.com/topic/libraries/architecture/workmanager">https://developer.android.com/topic/libraries/architecture/workmanager</a>   |
| MTRL-00339888 | <a href="https://firebase.google.com/docs/cloud-messaging/android/message-priority">https://firebase.google.com/docs/cloud-messaging/android/message-priority</a>                                     |
| MTRL-00339889 | <a href="https://firebase.google.com/docs/cloud-messaging/android/message-priority#data_messages">https://firebase.google.com/docs/cloud-messaging/android/message-priority#data_messages</a>         |
| MTRL-00339890 | <a href="https://source.android.com/">https://source.android.com/</a>   |
| MTRL-00339892 | Google I/O 2012 - Google Cloud Messaging for Android, <a href="https://www.youtube.com/watch?v=YoaP6hcDctM">https://www.youtube.com/watch?v=YoaP6hcDctM</a> (July 3, 2012) ("Google I/O")             |
| MTRL-00339893 | Google I/O 2010 - Keynote Day 2 Android Demo, pt. 2, <a href="https://www.youtube.com/watch?v=dBQFXRW5ZiE">https://www.youtube.com/watch?v=dBQFXRW5ZiE</a>  |
| MTRL-00339925 | <a href="https://developer.android.com/about/versions/10/behavior-changes-all">https://developer.android.com/about/versions/10/behavior-changes-all</a>   |

| Bates No.                                | Description   |
|--|---|
| MTRL-00339926                            | Google I/O 2012 - Keynote Day 1,<br><a href="https://www.youtube.com/watch?v=VuCOi4xTyrl">https://www.youtube.com/watch?v=VuCOi4xTyrl</a>   |
| MTRL-00339926                            | Google I/O 2012 - Keynote Day 1,<br><a href="https://www.youtube.com/watch?v=VuCOi4xTyrl">https://www.youtube.com/watch?v=VuCOi4xTyrl</a>   |
| MTRL-00339927                            | <a href="https://developer.android.com/sdk/api_diff/24/changes">https://developer.android.com/sdk/api_diff/24/changes</a>   |
| MTRL-00339979                            | <a href="https://developer.android.com/sdk/api_diff/25/changes">https://developer.android.com/sdk/api_diff/25/changes</a>   |
| MTRL-00339985                            | <a href="https://developer.android.com/sdk/api_diff/26/changes">https://developer.android.com/sdk/api_diff/26/changes</a>   |
| MTRL-00340036                            | <a href="https://developer.android.com/sdk/api_diff/27/changes">https://developer.android.com/sdk/api_diff/27/changes</a>   |
| MTRL-00340054                            | <a href="https://developer.android.com/sdk/api_diff/28/changes">https://developer.android.com/sdk/api_diff/28/changes</a>   |
| MTRL-00340117                            | <a href="https://developer.android.com/sdk/api_diff/29/changes">https://developer.android.com/sdk/api_diff/29/changes</a>   |
| MTRL-00340215                            | <a href="https://developer.android.com/sdk/api_diff/30/changes">https://developer.android.com/sdk/api_diff/30/changes</a>   |
| MTRL-00340269                            | <a href="https://developer.android.com/sdk/api_diff/31/changes">https://developer.android.com/sdk/api_diff/31/changes</a>   |
| MTRL-00340344                            | <a href="https://developer.android.com/sdk/api_diff/s-dp1/changes">https://developer.android.com/sdk/api_diff/s-dp1/changes</a>   |
| MTRL-00340371                            | <a href="https://developer.android.com/sdk/api_diff/32/changes">https://developer.android.com/sdk/api_diff/32/changes</a>   |
| MTRL-00340375                            | <a href="https://developer.android.com/sdk/api_diff/33/changes">https://developer.android.com/sdk/api_diff/33/changes</a>   |
| MTRL-00340437                            | <a href="https://android-developers.googleblog.com/2010/05/android-cloud-to-device-messaging.html">https://android-developers.googleblog.com/2010/05/<br/>android-cloud-to-device-messaging.html</a> (“Android Developers Blog”)  |
| MTRL-00340438                            | <a href="https://android-developers.googleblog.com/2010/04/multitasking-android-way.html">https://android-developers.googleblog.com/2010/04/<br/>multitasking-android-way.html</a> (“Hackborn”)   |
| MTRL-00340439                            | <a href="https://web.archive.org/web/20220327045307/https://android-developers.googleblog.com/2010/05/android-cloud-to-device-messaging.html">https://web.archive.org/web/20220327045307/https://android-<br/>developers.googleblog.com/2010/05/<br/>android-cloud-to-device-messaging.html</a> (“Huang”) |
| MTRL-00340440                            | <a href="https://developer.android.com/about/versions/android-2.3-highlights">https://developer.android.com/about/versions/<br/>android-2.3-highlights</a> (“Gingerbread – Android Developers”)   |
| MTRL-00340821 (excluding all .git files) | Android 2.2 Source Code (Build ID: FRF85B):<br>-android-2.2_r1_platform_frameworks_base.zip<br>-android-2.2_r1_platform_packages_apps.zip<br>-android-2.2_r1_platform_system_netd.zip   |
| MTRL-00340822 (excluding all .git files) | Android 2.3 Source Code (Build ID: GRH55):<br>-android-2.3_r1_platform_frameworks_base.zip<br>-android-2.3_r1_platform_packages_apps.zip<br>-android-2.3_r1_platform_system_netd.zip  |
| MTRL-00340823 (excluding all .git files) | Android 4.0 Source Code (Build ID: ITL41D):<br>-android-4.0.1_r1_platform_frameworks_base.zip<br>-android-4.0.1_r1_platform_packages_apps.zip<br>-android-4.0.1_r1_platform_system_netd.zip   |
| MTRL-00340824 (excluding all .git files) | Android 4.1 Source Code (Build ID: JRO03C):<br>-android-4.1.1_r1_platform_frameworks_base.zip<br>-android-4.1.1_r1_platform_packages_apps.zip<br>-android-4.1.1_r1_platform_system_netd.zip   |
| MTRL-00340825 (excluding all .git files) | Android 4.4 Source Code (Build ID: KRT16M):<br>-android-4.4_r1_platform_frameworks_base.zip<br>-android-4.4_r1_platform_packages_apps.zip<br>-android-4.4_r1_platform_system_netd.zip   |
| MTRL-GOOG-00000044                       | Amendment No.2 to EMADA   |
| MTRL-GOOG-00000230                       | Incentive Implementation Requirements   |

| Bates No.          | Description   |
|--------------------|---|
| MTRL-GOOG-00000328 | Android Compatibility Agreement (ACC) - 2018                                |
| MTRL-GOOG-00000346 | Mobile Application Distribution Agreement (MADA) - 2018                     |
| MTRL-GOOG-00001555 | GMS 10 (Android 13) Requirements pages 1-30.pdf                             |
| MTRL-GOOG-00001585 | GMS 10 (Android 13) Requirements pages 120-150.pdf                          |
| MTRL-GOOG-00001616 | GMS 10 (Android 13) Requirements pages 150-180.pdf                          |
| MTRL-GOOG-00001647 | GMS 10 (Android 13) Requirements pages 180-209.pdf                          |
| MTRL-GOOG-00001677 | GMS 10 (Android 13) Requirements pages 30-60.pdf                            |
| MTRL-GOOG-00001708 | GMS 10 (Android 13) Requirements pages 60-90.pdf                            |
| MTRL-GOOG-00001739 | GMS 10 (Android 13) Requirements pages 90-120.pdf                           |
| MTRL-GOOG-00001770 | GMS 6.0 Requirements.pdf  |
| MTRL-GOOG-00001835 | GMS 6.1 Requirements.pdf  |
| MTRL-GOOG-00001901 | GMS 6.2 Requirements.pdf  |
| MTRL-GOOG-00001967 | GMS 6.3 Requirements.pdf  |
| MTRL-GOOG-00002037 | GMS 6.4 Requirements.pdf  |
| MTRL-GOOG-00002111 | GMS 6.5 Requirements.pdf  |
| MTRL-GOOG-00002185 | GMS 7.0 (Android 10) Requirements.pdf                                       |
| MTRL-GOOG-00002306 | GMS 7.1 (Android 10 - October 2019).pdf                                     |
| MTRL-GOOG-00002428 | GMS 7.2 (Android 10 - Dec 2019).pdf   |
| MTRL-GOOG-00002556 | GMS 7.3 (Android 10 - March 2020).pdf                                       |
| MTRL-GOOG-00002684 | GMS 7.4 (Android 10 - June 2020).pdf  |
| MTRL-GOOG-00002818 | GMS 8.0 (Android 11).pdf  |
| MTRL-GOOG-00002974 | GMS 8.1 (Android 11 - November).pdf   |
| MTRL-GOOG-00003153 | GMS 9.0 (Android 12).pdf  |
| MTRL-GOOG-00003332 | GMS 9.1 (Android 12 - March 2022).pdf                                       |
| MTRL-GOOG-00003554 | GMS 9.2 (Android 12 - May 2022).pdf   |
| MTRL-GOOG-00003604 | GMS Requirements - GMS Help.pdf   |
| MTRL-GOOG-00003619 | Android 9 GMS Release Notes.pdf   |
| MTRL-GOOG-00003623 | Android_GMS_October2018_Update_Release_Notes.pdf                            |
| MTRL-GOOG-00003630 | Android_P_GMS_Requirements_Final.pdf  |
| MTRL-GOOG-00003684 | Android_P_GMS_Requirements_Preview.pdf                                      |
| MTRL-GOOG-00003738 | GMS Requirement - Pi release.xlsx   |
| MTRL-GOOG-00004048 | Mobile Application Distribution Agreement (MADA) - July 2017 amendment      |
| MTRL-GOOG-00004049 | Mobile Application Distribution Agreement (MADA) - December 2017 amendment  |
| MTRL-GOOG-00004050 | Mobile Application Distribution Agreement (MADA) - March 2017 amendment     |
| MTRL-GOOG-00004051 | Mobile Application Distribution Agreement (MADA) - September 2017 amendment |
| MTRL-GOOG-00004052 | Mobile Application Distribution Agreement (MADA) - January 2017 amendment   |
| MTRL-GOOG-00004053 | Mobile Application Distribution Agreement (MADA) - January 2020 amendment   |
| MTRL-GOOG-00004058 | Mobile Application Distribution Agreement (MADA) - January 2022 amendment   |



| Bates No.               | Description   |
|-------------------------|---|
| MTRL-GOOG-00004062      | Mobile Application Distribution Agreement (MADA) - March 2023 amendment   |
| MTRL-GOOG-00005450      | OHA Cooperative Marketing Agreement.PDF   |
| MTRL-GOOG-00006478      | <a href="https://source.android.com/compatibility/2.3/android-2.3-cdd.pdf">https://source.android.com/compatibility/2.3/android-2.3-cdd.pdf</a>   |
| SEVEN_MOTOROLA-00079891 | <a href="https://firebase.google.com/docs/cloud-messaging/concept-options">https://firebase.google.com/docs/cloud-messaging/concept-options</a>   |
| SEVEN_MOTOROLA-00079906 | <a href="https://developer.android.com/reference/android/content/AbstractThreadedSyncAdapter">https://developer.android.com/reference/android/content/AbstractThreadedSyncAdapter</a>                     |
| SEVEN_MOTOROLA-00079918 | <a href="https://developer.android.com/reference/android/app/AlarmManager">https://developer.android.com/reference/android/app/AlarmManager</a>   |
| SEVEN_MOTOROLA-00079941 | <a href="https://developer.android.com/reference/android/app/AlarmManager">https://developer.android.com/reference/android/app/AlarmManager</a>   |
| SEVEN_MOTOROLA-00079974 | <a href="https://developer.android.com/about/versions/nougat/android-7.0-changes">https://developer.android.com/about/versions/nougat/android-7.0-changes</a>   |
| SEVEN_MOTOROLA-00079996 | <a href="https://developer.android.com/topic/performance/appstandby">https://developer.android.com/topic/performance/appstandby</a>   |
| SEVEN_MOTOROLA-00080000 | <a href="https://developer.android.com/about/versions/oreo/background">https://developer.android.com/about/versions/oreo/background</a>   |
| SEVEN_MOTOROLA-00080006 | <a href="https://developer.android.com/topic/performance/background-optimization">https://developer.android.com/topic/performance/background-optimization</a>   |
| SEVEN_MOTOROLA-00080013 | <a href="https://firebase.google.com/docs/cloud-messaging/send-message">https://firebase.google.com/docs/cloud-messaging/send-message</a>   |
| SEVEN_MOTOROLA-00080230 | <a href="https://support.google.com/accounts/answer/27441">https://support.google.com/accounts/answer/27441</a>   |
| SEVEN_MOTOROLA-00080232 | <a href="https://developer.android.com/training/sync-adapters/creating-sync-adapter">https://developer.android.com/training/sync-adapters/creating-sync-adapter</a>                                       |
| SEVEN_MOTOROLA-00080244 | <a href="https://developer.android.com/reference/android/text/format/DateUtils#formatElapsedTime(long)">https://developer.android.com/reference/android/text/format/DateUtils#formatElapsedTime(long)</a> |
| SEVEN_MOTOROLA-00080293 | <a href="https://firebase.google.com/docs/cloud-messaging/fcm-architecture">https://firebase.google.com/docs/cloud-messaging/fcm-architecture</a>   |
| SEVEN_MOTOROLA-00080306 | <a href="https://firebase.google.com/products/cloud-messaging">https://firebase.google.com/products/cloud-messaging</a>   |
| SEVEN_MOTOROLA-00080312 | <a href="https://firebase.google.com/docs/cloud-messaging/">https://firebase.google.com/docs/cloud-messaging/</a>   |
| SEVEN_MOTOROLA-00080317 | <a href="https://developer.android.com/guide/components/foreground-services">https://developer.android.com/guide/components/foreground-services</a>   |
| SEVEN_MOTOROLA-00080347 | <a href="https://developer.android.com/guide/background">https://developer.android.com/guide/background</a>   |
| SEVEN_MOTOROLA-00080355 | <a href="https://support.google.com/googleplay/answer/2521798?hl=en">https://support.google.com/googleplay/answer/2521798?hl=en</a>   |
| SEVEN_MOTOROLA-00080373 | <a href="https://developer.android.com/reference/javax/net/ssl/HttpsURLConnection">https://developer.android.com/reference/javax/net/ssl/HttpsURLConnection</a>   |
| SEVEN_MOTOROLA-00080402 | <a href="https://developer.android.com/reference/java/net/HttpURLConnection">https://developer.android.com/reference/java/net/HttpURLConnection</a>   |

| Bates No.               | Description   |
|-------------------------|---|
| SEVEN_MOTOROLA-00080451 | <a href="https://firebase.google.com/docs/reference/android/com/google/firebase/iid/InstanceIdResult">https://firebase.google.com/docs/reference/android/com/google/firebase/iid/InstanceIdResult</a> |
| SEVEN_MOTOROLA-00080454 | <a href="https://developer.android.com/reference/android/app/job/JobInfo">https://developer.android.com/reference/android/app/job/JobInfo</a>   |
| SEVEN_MOTOROLA-00080489 | <a href="https://developer.android.com/reference/android/app/job/JobInfo.Builder.html">https://developer.android.com/reference/android/app/job/JobInfo.Builder.html</a>                               |
| SEVEN_MOTOROLA-00080523 | <a href="https://developer.android.com/reference/android/app/job/.JobScheduler">https://developer.android.com/reference/android/app/job/.JobScheduler</a>   |
| SEVEN_MOTOROLA-00080534 | <a href="https://developer.android.com/training/scheduling/wakelock">https://developer.android.com/training/scheduling/wakelock</a>   |
| SEVEN_MOTOROLA-00080539 | <a href="https://developer.android.com/training/scheduling">https://developer.android.com/training/scheduling</a>   |
| SEVEN_MOTOROLA-00080540 | <a href="https://developer.android.com/training/connectivity/minimize-effect-regular-updates">https://developer.android.com/training/connectivity/minimize-effect-regular-updates</a>                 |
| SEVEN_MOTOROLA-00080606 | <a href="https://developer.android.com/training/monitoring-device-state/doze-standby">https://developer.android.com/training/monitoring-device-state/doze-standby</a>                                 |
| SEVEN_MOTOROLA-00080615 | <a href="https://developer.android.com/training/basics/network-ops/data-saver">https://developer.android.com/training/basics/network-ops/data-saver</a>   |
| SEVEN_MOTOROLA-00080619 | <a href="https://developers.google.com/android/guides/overview">https://developers.google.com/android/guides/overview</a>   |
| SEVEN_MOTOROLA-00080621 | <a href="https://source.android.com/devices/tech/power/platform_mgmt">https://source.android.com/devices/tech/power/platform_mgmt</a>   |
| SEVEN_MOTOROLA-00080626 | <a href="https://developer.android.com/topic/performance/power/power-details">https://developer.android.com/topic/performance/power/power-details</a>   |
| SEVEN_MOTOROLA-00080629 | <a href="https://developer.android.com/about/versions/pie/power">https://developer.android.com/about/versions/pie/power</a>   |
| SEVEN_MOTOROLA-00080635 | <a href="https://source.android.com/docs/core/power/mgmt">https://source.android.com/docs/core/power/mgmt</a>   |
| SEVEN_MOTOROLA-00080641 | <a href="https://firebase.google.com/docs/cloud-messaging/android/receive">https://firebase.google.com/docs/cloud-messaging/android/receive</a>   |
| SEVEN_MOTOROLA-00080653 | <a href="https://developer.android.com/topic/libraries/architecture/workmanager">https://developer.android.com/topic/libraries/architecture/workmanager</a>   |
| SEVEN_MOTOROLA-00080667 | <a href="https://firebase.google.com/docs/cloud-messaging/android/first-message">https://firebase.google.com/docs/cloud-messaging/android/first-message</a>   |
| SEVEN_MOTOROLA-00080676 | <a href="https://firebase.google.com/docs/cloud-messaging/android/upstream">https://firebase.google.com/docs/cloud-messaging/android/upstream</a>   |
| SEVEN_MOTOROLA-00080679 | <a href="https://developer.android.com/guide/components/services#Foreground">https://developer.android.com/guide/components/services#Foreground</a>   |
| SEVEN_MOTOROLA-00080751 | <a href="https://firebase.google.com/docs/cloud-messaging/android/client">https://firebase.google.com/docs/cloud-messaging/android/client</a>   |
| SEVEN_MOTOROLA-00080757 | <a href="https://developer.android.com/reference/android/provider/Settings.Secure#ANDROID_ID">https://developer.android.com/reference/android/provider/Settings.Secure#ANDROID_ID</a>                 |
| SEVEN_MOTOROLA-00080863 | <a href="https://developer.android.com/reference/android/net/SocketKeepalive">https://developer.android.com/reference/android/net/SocketKeepalive</a>   |
| SEVEN_MOTOROLA-00080872 | <a href="https://developer.android.com/reference/android/app/usage/UsageStatsManager">https://developer.android.com/reference/android/app/usage/UsageStatsManager</a>                                 |



| Bates No.               | Description   |
|-------------------------|---|
| SEVEN_MOTOROLA-00080889 | android-10.0.0_r1_platform_frameworks_base.zip  |
| SEVEN_MOTOROLA-00080890 | android-10.0.0_r1_platform_packages_apps_settings.zip   |
| SEVEN_MOTOROLA-00080891 | android-10.0.0_r1_platform_system_netd.zip  |
| SEVEN_MOTOROLA-00080892 | android-11.0.0_r1_platform_frameworks_base.zip  |
| SEVEN_MOTOROLA-00080893 | android-11.0.0_r1_platform_packages_apps_settings.zip   |
| SEVEN_MOTOROLA-00080894 | android-11.0.0_r1_platform_system_netd.zip  |
| SEVEN_MOTOROLA-00080895 | android-12.0.0_r1_platform_packages_apps_settings.zip   |
| SEVEN_MOTOROLA-00080896 | android-12.0.0_r1_platform_system_netd.zip  |
| SEVEN_MOTOROLA-00080897 | android-6.0.0_r1_platform_frameworks_base.zip   |
| SEVEN_MOTOROLA-00080898 | android-6.0.0_r1_platform_packages_apps_settings.zip  |
| SEVEN_MOTOROLA-00080899 | android-6.0.0_r1_platform_system_netd.zip   |
| SEVEN_MOTOROLA-00080900 | android-7.0.0_r1_platform_frameworks_base.zip   |
| SEVEN_MOTOROLA-00080901 | android-7.0.0_r1_platform_packages_apps_settings.zip  |
| SEVEN_MOTOROLA-00080902 | android-7.0.0_r1_platform_system_netd.zip   |
| SEVEN_MOTOROLA-00080903 | android-8.0.0_r1_platform_frameworks_base.zip   |
| SEVEN_MOTOROLA-00080904 | android-8.0.0_r1_platform_packages_apps_settings.zip  |
| SEVEN_MOTOROLA-00080905 | android-8.0.0_r1_platform_system_netd.zip   |
| SEVEN_MOTOROLA-00080906 | android-9.0.0_r1_platform_frameworks_base.zip   |
| SEVEN_MOTOROLA-00080907 | android-9.0.0_r1_platform_packages_apps_settings.zip  |
| SEVEN_MOTOROLA-00080913 | Settlement and License Agreement between SEVEN Networks, LLC and Google LLC   |
| SEVEN_MOTOROLA-00083175 | <a href="https://developer.android.com/guide/background">https://developer.android.com/guide/background</a>   |
| SEVEN_MOTOROLA-00083529 | <a href="https://developer.android.com/guide/componentsactivitiesprocess-lifecycle">https://developer.android.com/guide/componentsactivitiesprocess-lifecycle</a> |
| SEVEN_MOTOROLA-00083560 | <a href="https://developer.android.com/guide/components/services#Foreground">https://developer.android.com/guide/components/services#Foreground</a>               |

| Bates No.               | Description  |
|-------------------------|--|
| SEVEN_MOTOROLA-00085319 | android-12.0.0_r1_platform_frameworks_base.zip   |
| SEVEN_MOTOROLA-00119054 | android-13.0.0_r1_platform_frameworks_base (1).zip   |
| SEVEN_MOTOROLA-00119055 | android-13.0.0_r1_platform_packages_apps_settings (1).zip  |
| SEVEN_MOTOROLA-00119356 | <a href="https://source.android.com/docs/setup/about/android-10-release">https://source.android.com/docs/setup/about/android-10-release</a>  |
| SEVEN_MOTOROLA-00119388 | <a href="https://source.android.com/docs/setup/about/android-11-release">https://source.android.com/docs/setup/about/android-11-release</a>  |
| SEVEN_MOTOROLA-00119414 | <a href="https://source.android.com/docs/setup/about/android-12-release">https://source.android.com/docs/setup/about/android-12-release</a>  |
| SEVEN_MOTOROLA-00119438 | <a href="https://source.android.com/docs/setup/about/android-13-release">https://source.android.com/docs/setup/about/android-13-release</a>  |
| SEVEN_MOTOROLA-00119461 | <a href="https://source.android.com/docs/setup/about/p-release-notes">https://source.android.com/docs/setup/about/p-release-notes</a>  |
| SEVEN_MOTOROLA-00122766 | <a href="https://developer.android.com/about/versions/marshmallow/android-6.0-changes">https://developer.android.com/about/versions/marshmallow/android-6.0-changes</a>  |
| SEVEN_MOTOROLA-00122837 | <a href="https://source.android.com/docs/core/data/data-saver">https://source.android.com/docs/core/data/data-saver</a>  |
| SEVEN_MOTOROLA-00122844 | <a href="https://developer.android.com/reference/android/os/PowerManager">https://developer.android.com/reference/android/os/PowerManager</a>  |
| SEVEN_MOTOROLA-00122903 | <a href="http://web.archive.org/web/20160430214527/">http://web.archive.org/web/20160430214527/</a><br><a href="https://support.google.com/nexus/answer/6187458?hl=en">https://support.google.com/nexus/answer/6187458?hl=en</a> |
| SEVEN_MOTOROLA-00122906 | <a href="https://developer.android.com/reference/android/app/job/JobWorkItem">https://developer.android.com/reference/android/app/job/JobWorkItem</a>  |
| SEVEN_MOTOROLA-00122925 | <a href="https://developer.android.com/guide/components/activities/state-changes">https://developer.android.com/guide/components/activities/state-changes</a>  |
| SEVEN_MOTOROLA-00123044 | <a href="https://www.deepmind.com/blog/deepmind-meet-android">https://www.deepmind.com/blog/deepmind-meet-android</a>  |
| SEVEN_MOTOROLA-00123048 | <a href="https://chromium.googlesource.com/chromium/src/google_apis/%2B/refs/heads/main/gcm/engine/mcs_client.h">https://chromium.googlesource.com/chromium/src/google_apis/%2B/refs/heads/main/gcm/engine/mcs_client.h</a>      |
| SEVEN_MOTOROLA-00123121 | <a href="https://developer.android.com/reference/android/app/job/JobParameters">https://developer.android.com/reference/android/app/job/JobParameters</a>  |
| SEVEN_MOTOROLA-00123194 | <a href="https://developer.android.com/reference/android/app/usage/UsageEvents.Event">https://developer.android.com/reference/android/app/usage/UsageEvents.Event</a>  |
| SEVEN_MOTOROLA-00123205 | <a href="https://developer.android.com/reference/android/app/usage/UsageStats">https://developer.android.com/reference/android/app/usage/UsageStats</a>  |
| SEVEN_MOTOROLA-00131867 | <a href="https://developer.android.com/reference/android/app/ActivityManager">https://developer.android.com/reference/android/app/ActivityManager</a>  |
| SEVEN_MOTOROLA-00131891 | <a href="https://developer.android.com/reference/android/app/ActivityManager.AppTas">https://developer.android.com/reference/android/app/ActivityManager.AppTas</a>  |
| SEVEN_MOTOROLA-00131895 | <a href="https://developer.android.com/reference/android/app/ActivityManager.RecentTaskInfo">https://developer.android.com/reference/android/app/ActivityManager.RecentTaskInfo</a>  |
| SEVEN_MOTOROLA-00131900 | <a href="https://developer.android.com/reference/android/app/ActivityManager.RunningAppProcessInfo">https://developer.android.com/reference/android/app/ActivityManager.RunningAppProcessInfo</a>                                |

| Bates No.               | Description   |
|-------------------------|---|
| SEVEN_MOTOROLA-00131912 | <a href="https://developer.android.com/reference/android/app/ActivityManager.RunningServiceInfo">https://developer.android.com/reference/android/app/ActivityManager.RunningServiceInfo</a> |
| SEVEN_MOTOROLA-00131921 | <a href="https://developer.android.com/reference/android/app/ActivityManager.RunningTaskInfo">https://developer.android.com/reference/android/app/ActivityManager.RunningTaskInfo</a>       |
| SEVEN_MOTOROLA-00131926 | <a href="https://source.android.com/docs/core/power/app_mgmt">https://source.android.com/docs/core/power/app_mgmt</a>   |
| SEVEN_MOTOROLA-00131932 | <a href="https://developer.android.com/reference/android/net/ConnectivityManager">https://developer.android.com/reference/android/net/ConnectivityManager</a>                               |
| SEVEN_MOTOROLA-00131974 | Google I/O 2014 - Introduction to Project Volta, <a href="https://www.youtube.com/watch?v=KzSKlpJepUw">https://www.youtube.com/watch?v=KzSKlpJepUw</a>                                      |
| SEVEN_MOTOROLA-00131975 | Google I/O 2014 - What's New in Android, <a href="https://www.youtube.com/watch?v=3TtVsy98ces">https://www.youtube.com/watch?v=3TtVsy98ces</a>  |
| SEVEN_MOTOROLA-00131976 | Google I/O 2015 - Google Cloud Messaging 3.0, <a href="https://www.youtube.com/watch?v=gJatfdattno">https://www.youtube.com/watch?v=gJatfdattno</a>   |
| SEVEN_MOTOROLA-00131977 | Googe I/O 2015 - Keynote, <a href="https://www.youtube.com/watch?v=7V-flGMDsmE">https://www.youtube.com/watch?v=7V-flGMDsmE</a>   |
| SEVEN_MOTOROLA-00131978 | Google I/O 2015 - What's New in Android, <a href="https://www.youtube.com/watch?v=ndBdf1_oOGA">https://www.youtube.com/watch?v=ndBdf1_oOGA</a>  |
| SEVEN_MOTOROLA-00131979 | Introducing Firebase Cloud Messaging, <a href="https://www.youtube.com/watch?v=sioEY4tWmLI">https://www.youtube.com/watch?v=sioEY4tWmLI</a>   |
| SEVEN_MOTOROLA-00131980 | <a href="https://developer.android.com/reference/android/app/job/JobInfo.Builder">https://developer.android.com/reference/android/app/job/JobInfo.Builder</a>                               |
| SEVEN_MOTOROLA-00132014 | android-13.0.0_r1_platform_system_netd.zip  |
| SEVEN_MOTOROLA-00132015 | android-9.0.0_r1_platform_system_netd.zip   |
| SEVEN_MOTOROLA-00132016 | Google I/O 2016 GCM Performance Factors, <a href="https://www.youtube.com/watch?v=l-0y0BYPYvo">https://www.youtube.com/watch?v=l-0y0BYPYvo</a>  |

Dated: January 5, 2024

Respectfully submitted,

/s/ Samuel Baxter

Samuel F. Baxter

Lead Attorney

sbaxter@mckoolsmith.com

Jennifer Truelove

jtruelove@mckoolsmith.com

MCKOOL SMITH, P.C.

104 East Houston, Suite 300

Marshall, Texas 75670

Telephone: (903) 923-9000

Facsimile: (903) 923-9099

Radu Lelutiu

rlulutiu@mckoolsmith.com

Kevin Schubert

kschubert@mckoolsmith.com

Christopher McNett

cmcnett@mckoolsmith.com

MCKOOL SMITH, P.C.

395 9<sup>th</sup> Avenue, 50<sup>th</sup> Floor

New York, New York 10001

Telephone: (212) 402-9400

Eric Hansen

ehansen@mckoolsmith.com

MCKOOL SMITH, P.C.

300 Crescent Court, Suite 1500

Dallas, Texas 75201

Telephone: (214) 978-4000

**ATTORNEYS FOR PLAINTIFF  
SEVEN NETWORKS, LLC**

By: /s/ Justin P.D. Wilcox  
Justin P.D. Wilcox (*pro hac vice*)  
David J. Shaw (*pro hac vice*)  
DESMARAIS LLP  
1899 Pennsylvania Avenue NW  
Suite 400  
Washington, DC 20006  
Telephone: 202-451-4900  
Facsimile: 202-451-4901  
Email: jwilcox@desmaraisllp.com  
dshaw@desmaraisllp.com

John M. Desmarais (*pro hac vice*)  
Steven M. Balcof (*pro hac vice*)  
Ryan G. Thorne (*pro hac vice*)  
Jordan T. Owens (*pro hac vice*)  
DESMARAIS LLP  
230 Park Avenue  
New York, NY 10169  
Telephone: 212-351-3400  
Facsimile: 212-351-3401  
Email: jdesmarais@desmaraisllp.com  
sbalcof@desmaraisllp.com  
rthorne@desmaraisllp.com  
jowens@desmaraisllp.com

Kevin J. Gu (*pro hac vice*)  
Christopher J. Hall (*pro hac vice*)  
DESMARAIS LLP  
101 California Street  
Suite 3070  
San Francisco, CA 94111  
Telephone: 415-573-1900  
Facsimile: 415-573-1901  
Email: kgu@desmaraisllp.com  
chall@desmaraisllp.com

Eric Findlay (State Bar No. 00789886)  
Brian Craft (State Bar No. 04972020)  
FINDLAY CRAFT, P.C.  
7270 Crosswater Avenue, Suite B  
Tyler, TX 75703  
Telephone: 903-534-1100  
Facsimile: 903-534-1137  
Email: efindlay@findlaycraft.com  
bcraft@findlaycraft.com

**ATTORNEYS FOR DEFENDANT  
MOTOROLA MOBILITY LLC**



**CERTIFICATE OF SERVICE**

I hereby certify that a true and correct copy of the above and foregoing document has been served on all counsel of record via the Court's ECF system on January 5, 2024.

/s/ Kevin Schubert

Kevin Schubert

kschubert@mckoolsmith.com

MCKOOL SMITH P.C.

395 9<sup>th</sup> Avenue, 50<sup>th</sup> Floor

New York, New York 10001

Telephone: (212) 402-9400

Facsimile: (212) 402-9444